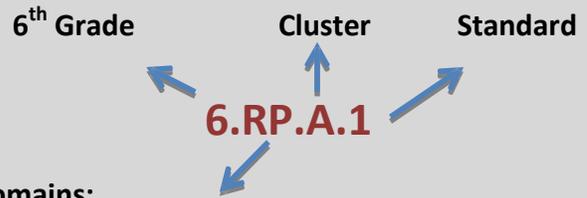


**Campbell County Schools**  
**4<sup>th</sup> Nine Weeks at-a-Glance**  
**6<sup>th</sup> Grade Math**

**Mathematical Practices:**

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated.

**Common Core Coding Explanation:**



**Domains:**

- RP- Ratios and Proportional Relationships
- NS- Number System
- EE- Expressions and Equations
- G- Geometry
- SP- Statistics and Probability

Common Core State Standard	Aligned Activities	Suggested Pacing	Aligned Textbook Lessons
<b>6.G.A.3.</b> Draw polygons in the coordinate plane given coordinates for the vertices; use coordinates to find the length of a side joining points with the same first coordinate or the same second coordinate. Apply these techniques in the context of solving real-world and mathematical problems.		2 Days	
<b>6.G.A.1.</b> Find the area of right triangles, other triangles, special quadrilaterals, and polygons by composing into rectangles or decomposing into triangles and other shapes; apply these techniques in the context of solving real-world and mathematical problems. ( <i>Revisit <b>6.EE.A.2</b> when finding areas of polygons</i> )		2 Days	
<b>6.G.A.4.</b> Represent three-dimensional figures using nets made up of rectangles and triangles, and use the nets to find the surface area of these figures. Apply these techniques in the context of solving real-world and mathematical problems.		2 Days	

<p><b>6.G.A.2.</b> Find the volume of a right rectangular prism with fractional edge lengths by packing it with unit cubes of the appropriate unit fraction edge lengths, and show that the volume is the same as would be found by multiplying the edge lengths of the prism. Apply the formulas <math>V = l w h</math> and <math>V = b h</math> to find volumes of right rectangular prisms with fractional edge lengths in the context of solving real-world and mathematical problems. (Revisit <b>6.EE.A.2</b> when finding volume of prisms)</p>		2 Days	
<p><b>6.SP.A.1.</b> Recognize a statistical question as one that anticipates variability in the data related to the question and accounts for it in the answers. <i>For example, "How old am I?" is not a statistical question, but "How old are the students in my school?" is a statistical question because one anticipates variability in students' ages</i></p>		3 Days	

<p><b>6.SP.B.5.</b> Summarize numerical data sets in relation to their context, such as by: Reporting the number of observations.</p> <ul style="list-style-type: none"> <li>a. Describing the nature of the attribute under investigation, including how it was measured and its units of measurement.</li> <li>b. Giving quantitative measures of center (median and/or mean) and variability (interquartile range and/or mean absolute deviation), as well as describing any overall pattern and any striking deviations from the overall pattern with reference to the context in which the data were gathered.</li> <li>c. Relating the choice of measures of center and variability to the shape of the data distribution and the context in which the data were gathered.</li> <li>d. Relating the choice of measures of center and variability to the shape of the data distribution and the context in which the data were gathered.</li> </ul>		5 Days	
<p><b>6.SP.A.3.</b> Recognize that a center for a numerical data set summarizes all of its values with a single number, while a measure of variation describes how its values vary with a single number.</p>		2 Days	

<b>6.SP.A.2.</b> Understand that a set of data collected to answer a statistical question has a distribution which can be described by its center, spread, and overall shape.		2 Days	
<b>6.SP.B.4.</b> Display numerical data in plots on a number line, including dot plots, histograms, and box plots.		5 days	